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[0009] Figure 1 illustrates an example of a suitable computing system environment in which the method and system for processing hierarchically structured streaming data in accordance with an exemplary of the present invention may be implemented;

[0010] Figure 2A is a tree diagram showing an example of hierarchically structured data, wherein each piece of data is represented as a node in accordance with an embodiment of the present invention;

[0011] Figure 2B is an exemplary representation of the hierarchically structured data of Figure 2a as embodied in an xml document in accordance with an embodiment of the present invention;

[0012] Figure 2C is a raw byte representation of a serialization of the xml document of figure 2B, in accordance with an exemplary embodiment of the present invention;

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[0013] Figure ^{2D}~~2C~~ depicts the sequence of input tokens returned by a hierarchical document streaming reading interface over the document of figure 2A in accordance with an exemplary embodiment of the present invention;

[0014] Figure 3A is a diagram of an exemplary mutating interceptor class in accordance with an embodiment of the present invention;

[0015] Figure 3B is a flow diagram of an exemplary process for implementing a read operation with a mutating interceptor in accordance with an embodiment of the present invention;

[0016] Figure 4 is a re-writer class diagram, in accordance with an exemplary embodiment of the present invention;

[0017] Figure 5 is a flow diagram of an exemplary process for executing a read query by a read cache in accordance with an embodiment of the present invention;

[0018] Figure 6 is a flow diagram of an exemplary process for creating a new re-writer in accordance with an embodiment of the present invention;